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Interleukin-8 receptor A: SeqID: ENSP00000295683 Sequence and pentamer URS distribution

MSNLTDPQMWDRDDLNFTGMPDADDDXSPGMLEDEHNKAVMEEAYATVFLLSLIGNSTAVMLVTLVSR
VGRSVTDVYGLNLATADLIIFALITLPELWASKVNGWIEGTFLECKVVSLLKEVNPFYSGILLACISVDRY
LALTVHATRRULTQKRHLVKHVLCCGCLSMNLSLDPFFLFRQAYHPNNSSPVCYEVLGNDTAKWRMWLR.I
LPHTTEGFIIVPLEVMLECYCFITLLEKAAHMGCKHRAMRVLEAVVLTLELLCWLEPIYNLVLLEADHLMPTOM
TOESGERRNNIGRAIDATEITLGFHLHSCLNPIETVAFICONERHGFELKILLAMHGLVSKETFLARHRTSYT
SGSVNVSSNL

ENSP00000295683: list of pentamer URS peptides (total number 35) AHMGQAKWRMAYHPN GERNCLGOW CYGEI
DINFTDPQMW DTAKW FGYGFEKAAHMGONER HTTEGFIWAS KWRMV KYAVHNGCKHMPADNFTGVMNGWIEPQMW
PYNEV QKHRA QMWDFQNERHTAKWR IDPQMWGLGCVCYEVVMLEG VNGMWDHDDWIEGTVRMVLYSPGN
URS: Penta-peptide

Figure 1

Histamine H1 receptor: SeqID: ENSP000000273023

Sequence and pentamer URS distribution

MSLPNSSGELLEDK MCEGNK HTMASPOLMPPLVAVLSTICLVIVGILNLEVLAVR SER K LEHAYGN
LYIVSLSVADLTIVGAVVMPNNLLYLMSK WSLGR PLCLEWLSMDVASTASISVFEELCLDR YR
SVQOPLR YLK YR TK TR ASATILGANFLSFLWVLPITLGMNHEMOQTSVR R EDK CETDEYDV
TWPK VMTATINELPPTLEMLWEYAK LYK AVR QHCOHR ELINR SLPSFSSEIK LR PENPK G
DAK K PGK HSPWEVLK R K PK DAGGGSVLK SPSOTPK EMK SPVAFSQEDDR EVDK LYC
RPDLTIHMQAAAEQSSR DYAVVNR SHGOLK IDEQGLNTHGASEISEDDOMLGDSQSFSR TDSDIT
TETAPGK GK LR SGSNTIGLDYIK FTWK R LR SHSR QVAVSGELHNR ER K AAR QLGFTMA
AFHLLGWLPYFIFHFMAVIAFCK NGCNEHLLHMFTEWLGYINSTLNPLFLYPLCNEHFK K TFK R ILHH

R/S

URS pentapeptide: AINFCEGNK ONEGMPYDXYDV QQMLGELICHLWIFEMQOTFWLSMGWNHFLHMEHMETHTVGNIFEM
ILCWHEIMSK ILWEYAMCEGNMDYAWITWIMWEXNCONENHFMQPLQF SPVEV IAEQWEYAK WNHEM WIPYGFPLT
Chypsin cutting site URS Pentapeptide

Figure 2

Figure 3

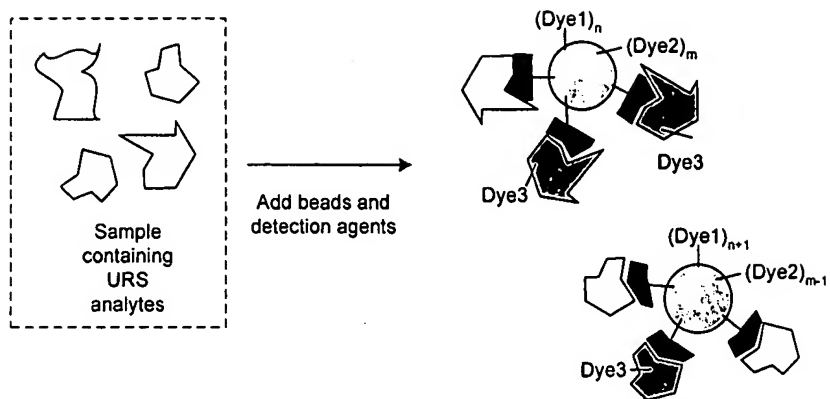


Figure 4

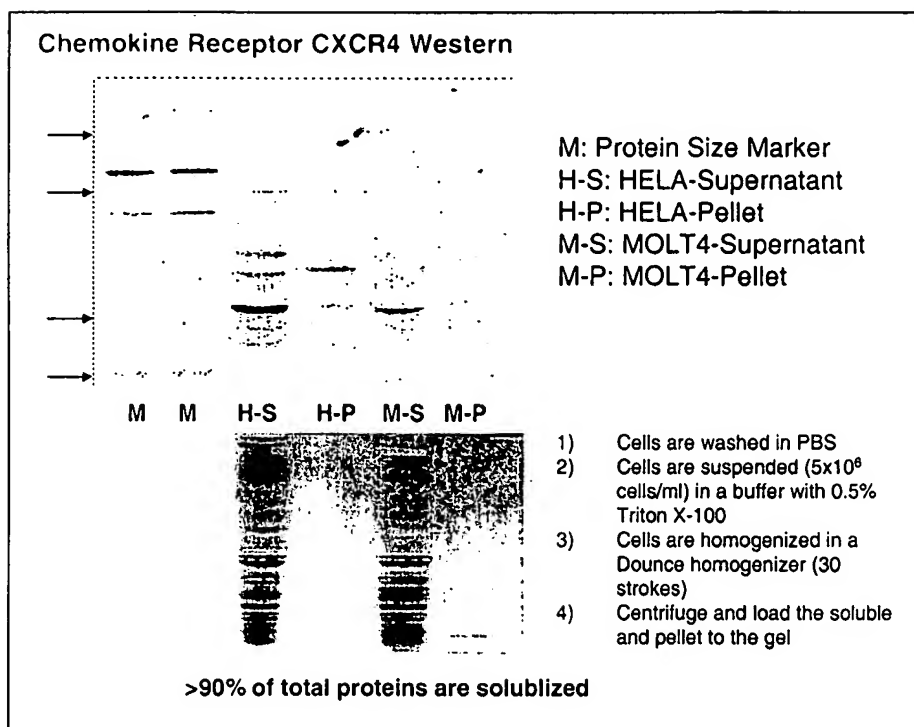


Figure 5

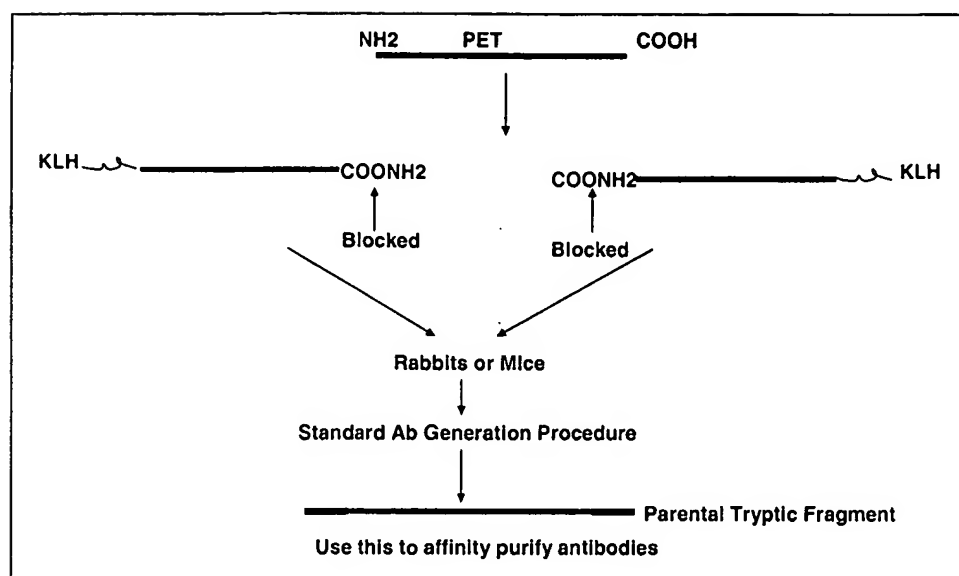


Figure 6

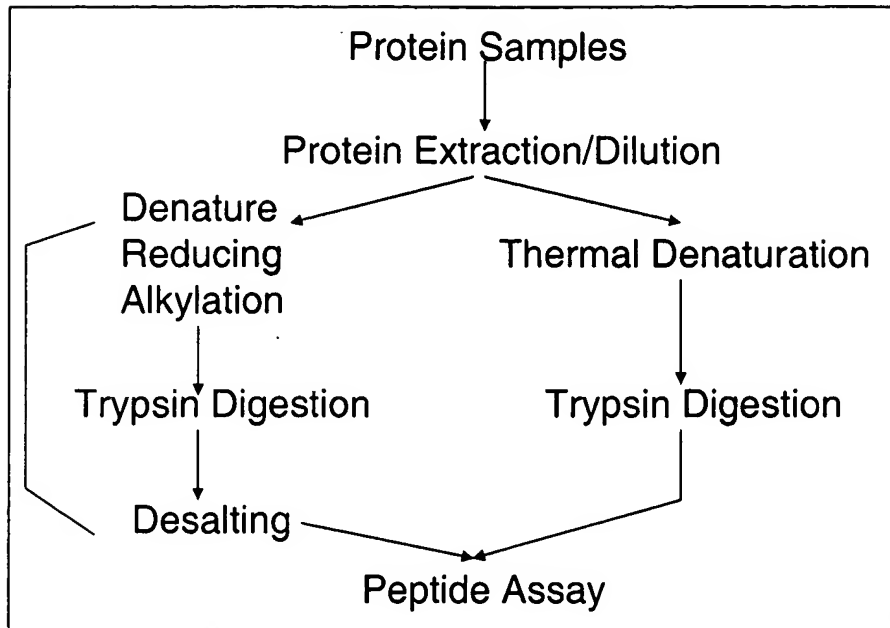


Figure 7

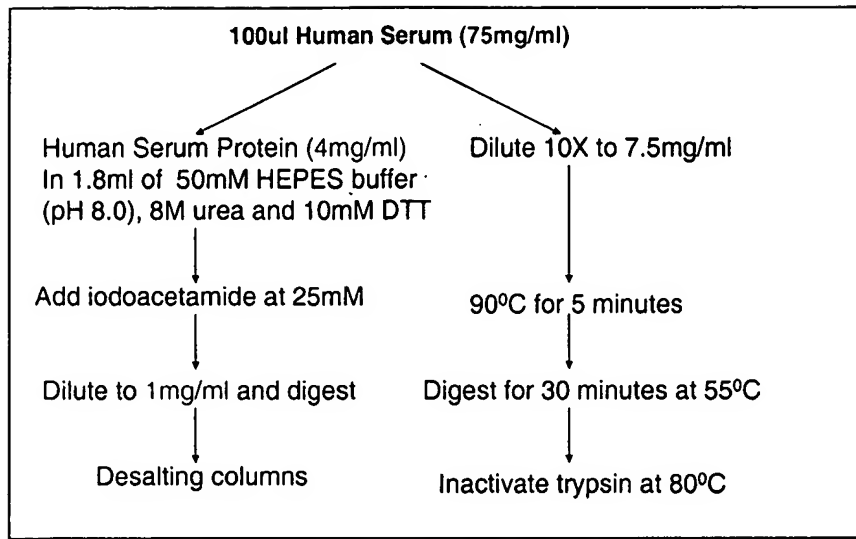


Figure 8

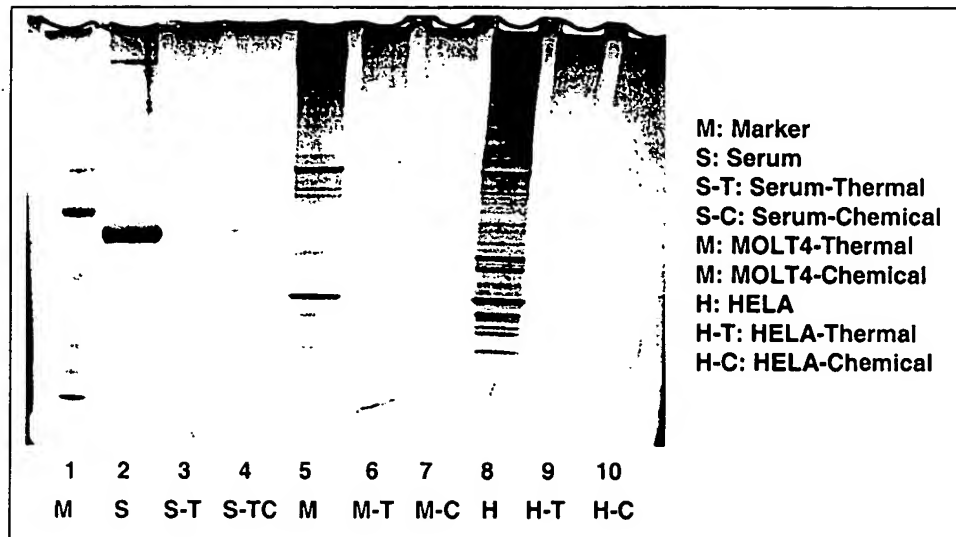


Figure 9

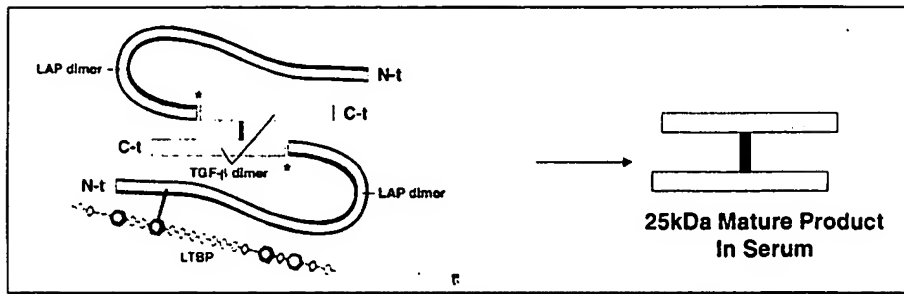


Figure 10

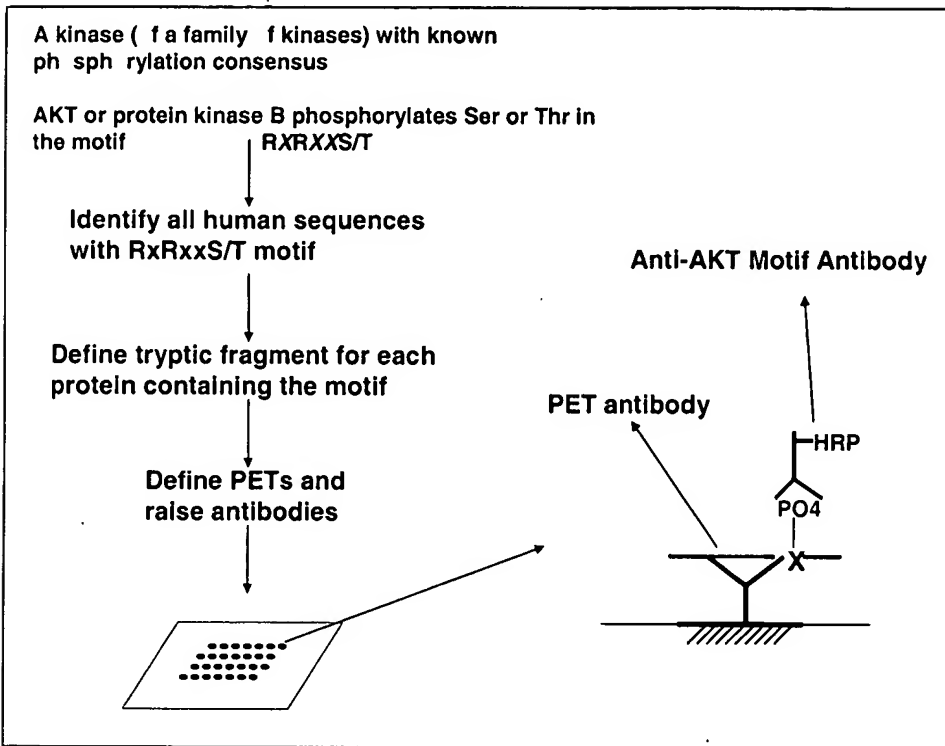


Figure 11

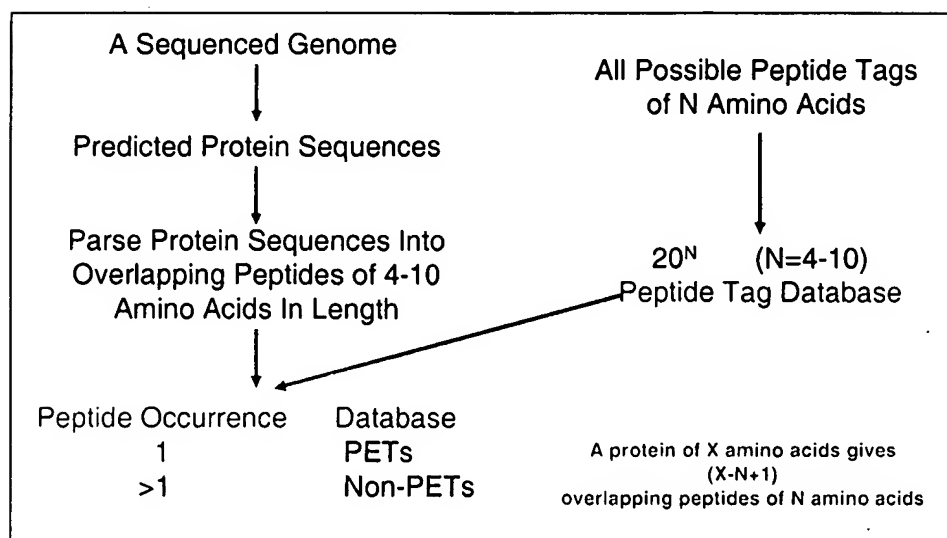


Figure 12

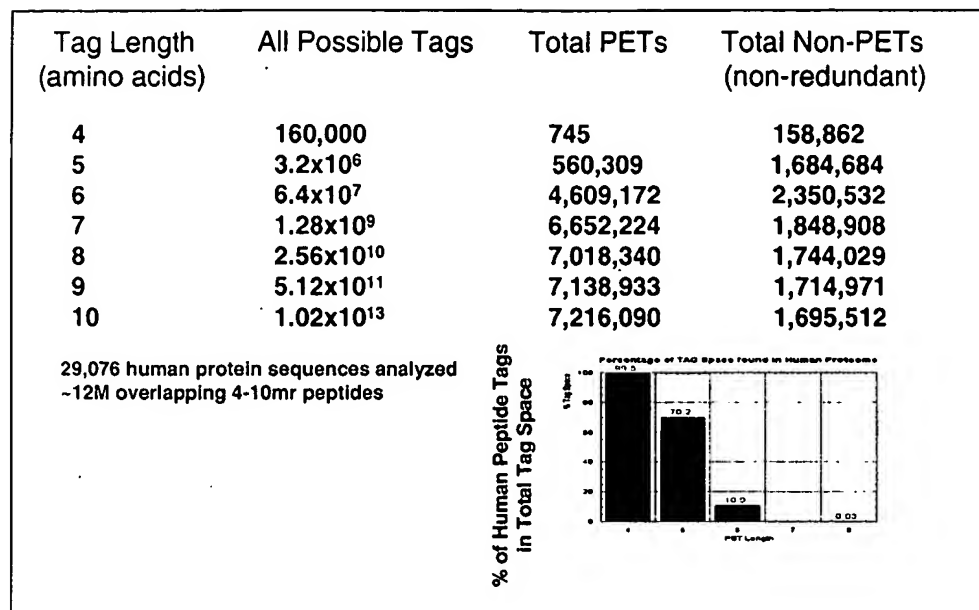


Figure 13

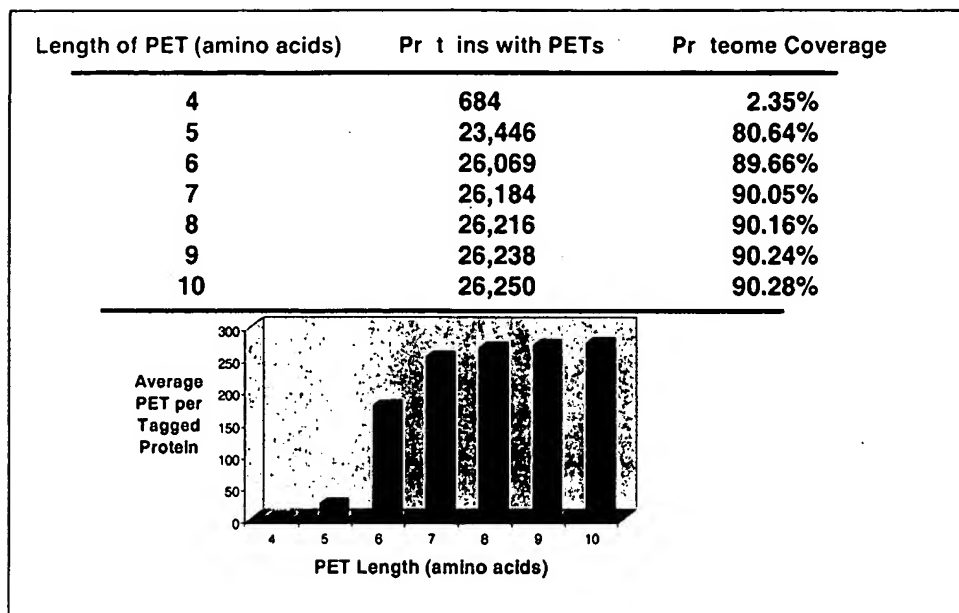


Figure 14

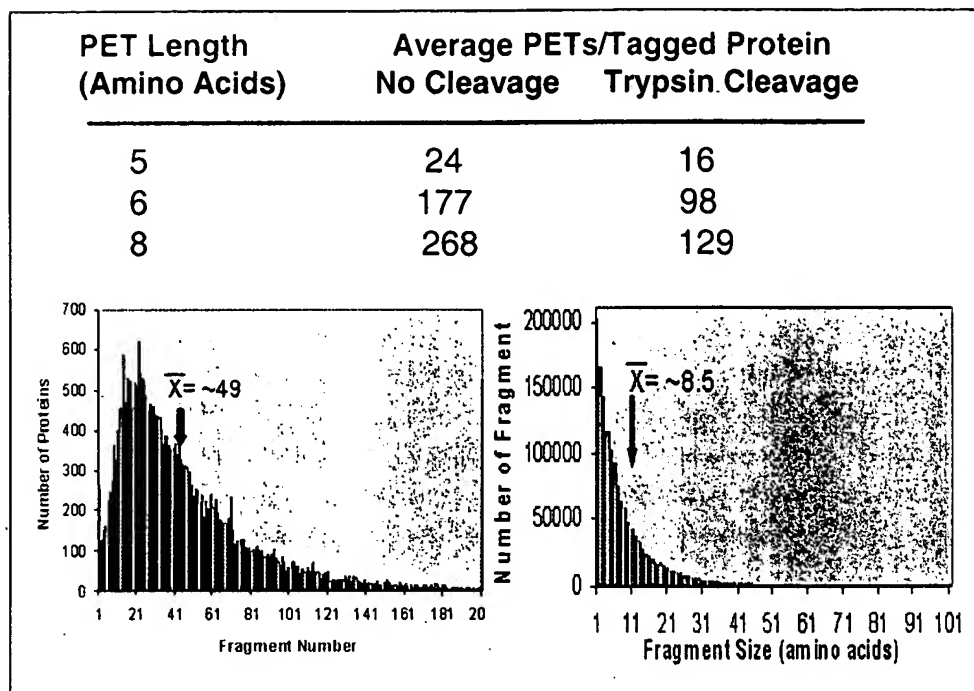


Figure 15

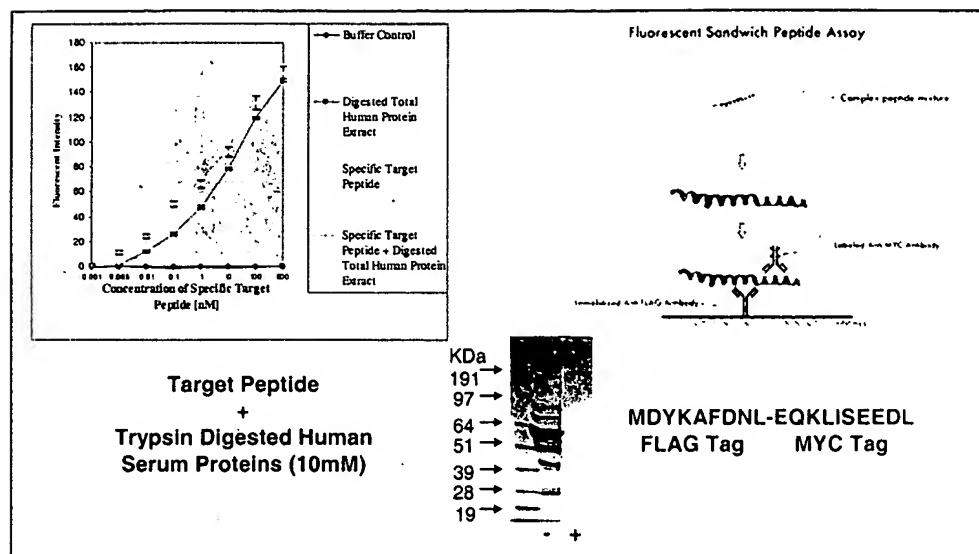


Figure 16

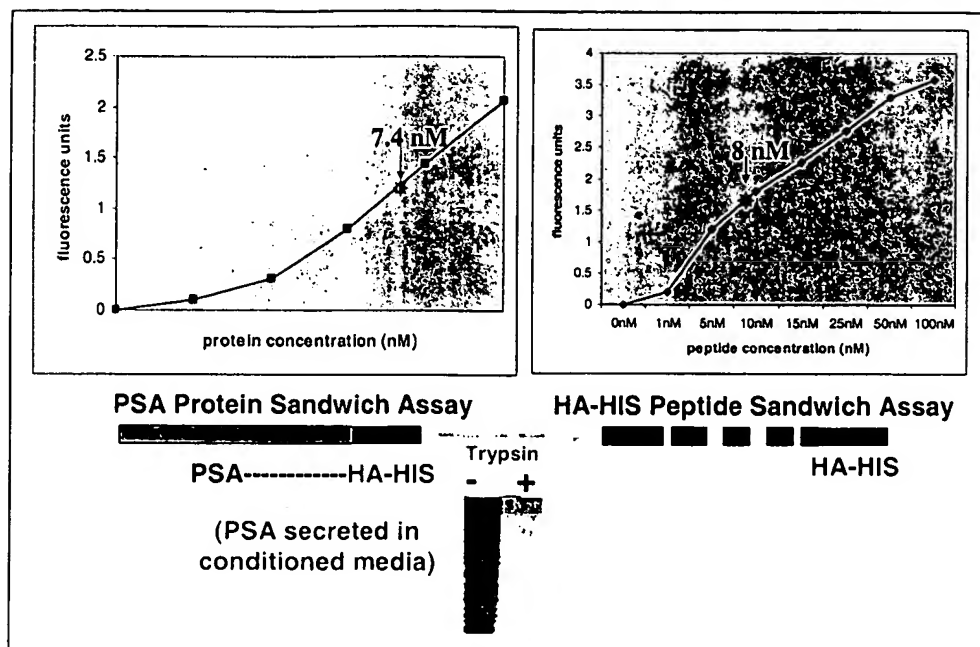


Figure 17

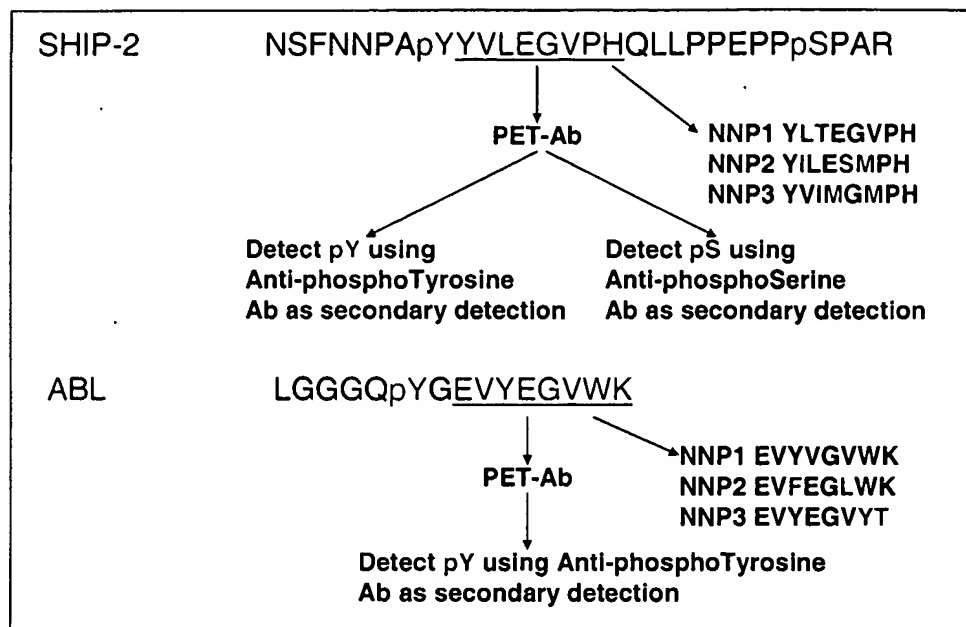


Figure 18

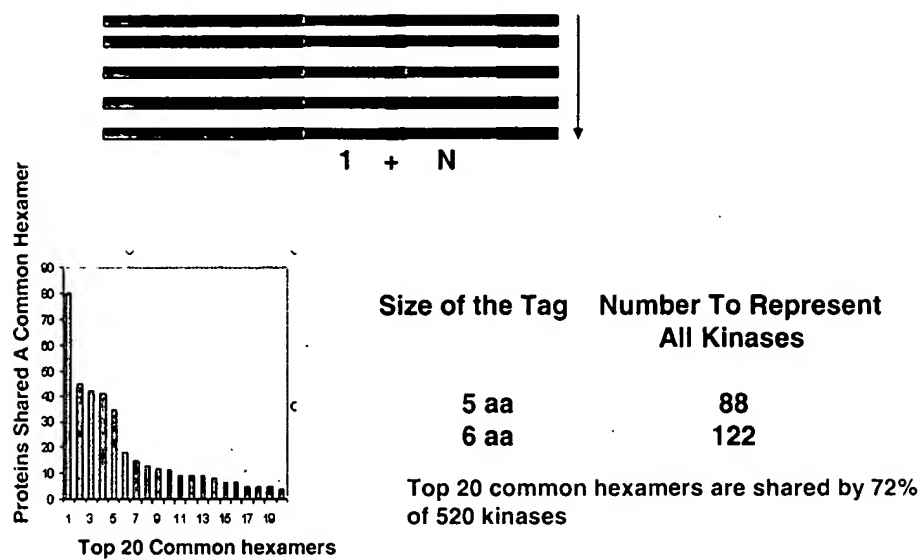


Figure 19

Protein	Parental Tryptic Peptide	Also Detect
BRAF	WSGSHQFEQLSGSILWMAPEVIR*	
DLK	MSFAGTVAWMAPEVIR	
GCK	SFIGTPYWMapeVAAVER	
HH498	WMAPEVFTQCTR	
HPK1	LSFIGTPYWMapeVAAVALK	
LOK	DSFIGTPYWMapeVVMCETMK	KSH1,2,HPK1, SLK
LZK	MSFAGTVAWMAPEVIR	
MAP3K	SMHGTPYWMapeVINESGYGR	
MST1	NTVIGTPFWMAPEVIQEIGYNCVR	MST2
MST4	NTFVGTPFWMAPEVIQQSAYDSK	
MY03A	NTSVGTPFWMAPEVIACEQQLDTTYDAR	MY03B
MY03B	NTSVGTPFWMAPEVIACEQQYDSSYDAR	MY03A
ZC1/HGK	NTFIGTPYWMapeVIACDENPDATYDYL	ZC2,ZC3
OSR1	TFVGTPCWMapeVMEQVR	
PAK1	STMVGTPYWMapeVVTR	PAK2,3
PAK5	SLVGTPYWMapeVISR	PAK6
RAF1	WSGSQQVEQPTGSVLWMAPEVIR	
STLK3	TFVGTPCWMapeVMEQVR	
TAO1	ASMAPANSFVGTPYWMapeVILAMDEGQYDGL	TAO3
TAO2	ASIMAPANSFVGTPYWMapeVILAMDEGQYDGL	
TESK1	EPLAVVGSFYWMapeVLR	
ZAK	TTHMSLVGTPFWMAPEVIQSLR	
BLUE = PET		
RED = Commone Epitope		

Figure 20

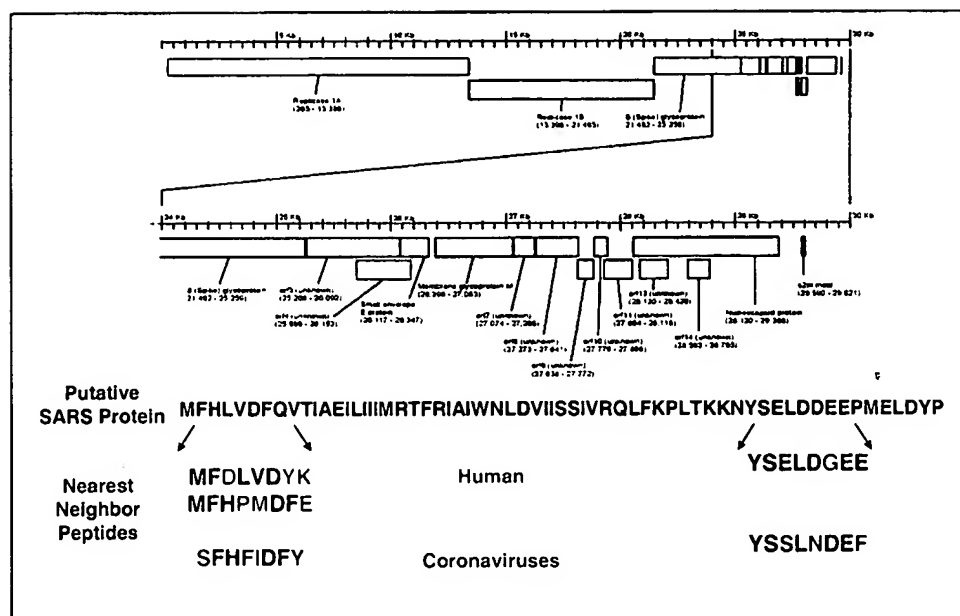


Figure 21

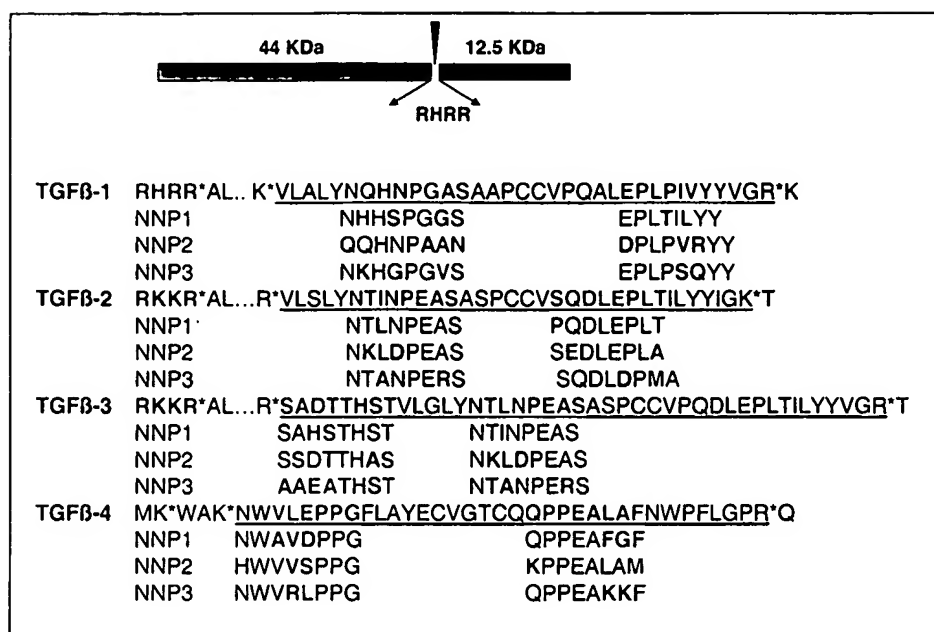


Figure 22

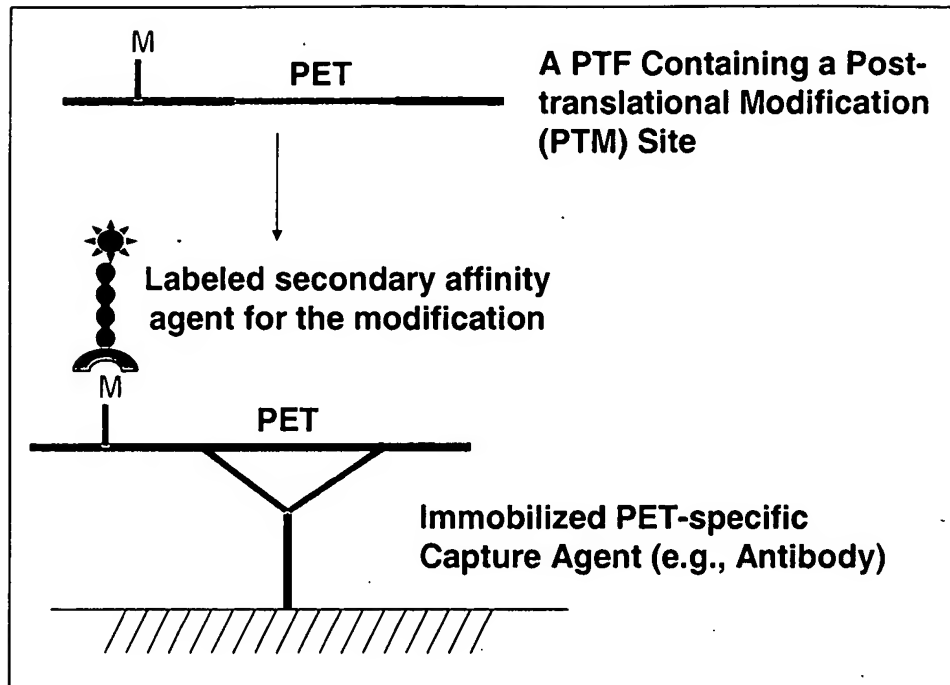


Figure 23

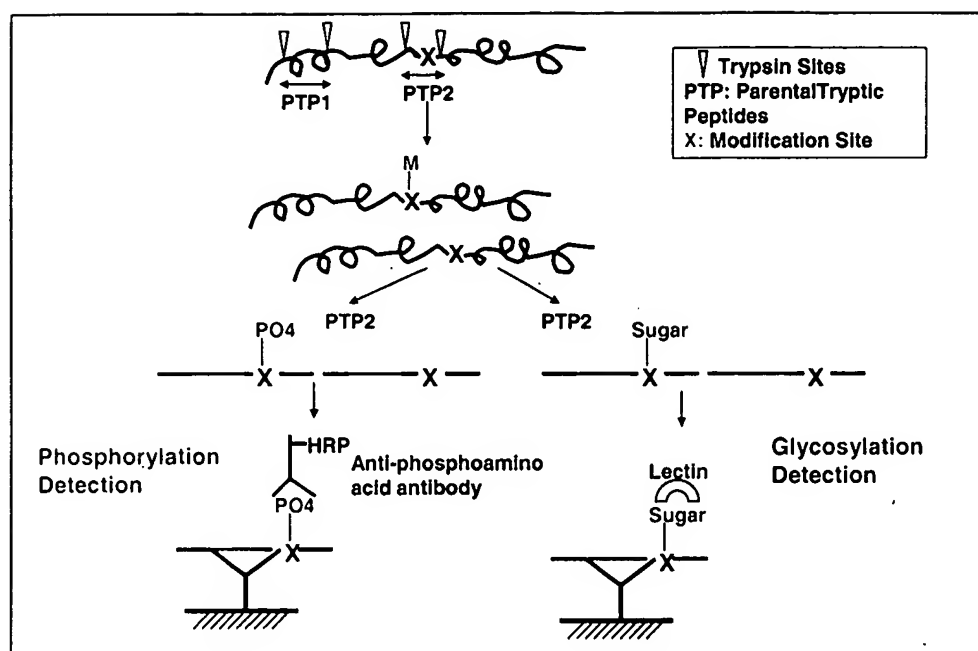


Figure 24

